

### **FHWA April 2, 2004**





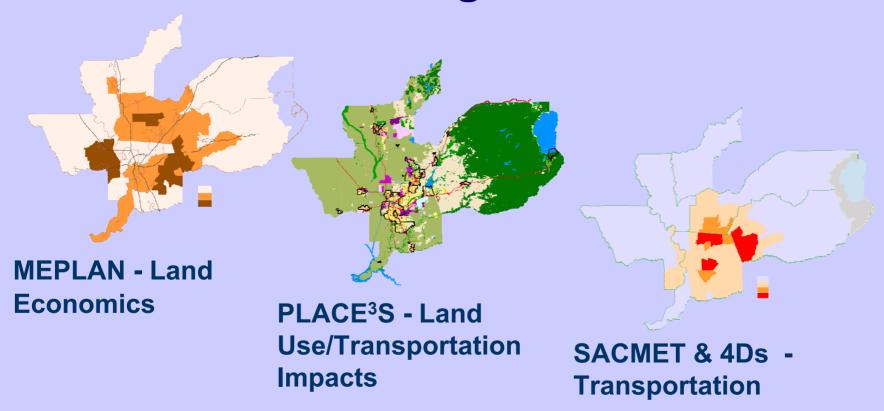


### **Five Major Phases**

- 1. Better information and tools for decision-making
- 2. Base Case Future (Regional Scale)
- 3. Workshops
  - Neighborhood scale (30)
  - County scale (7)
  - Regional scale (including electronic town hall)
- 4. Integration with Community Design program
- 5. Implementation (next MTP)



## **Develop Better Information and Tools for Decision Making**





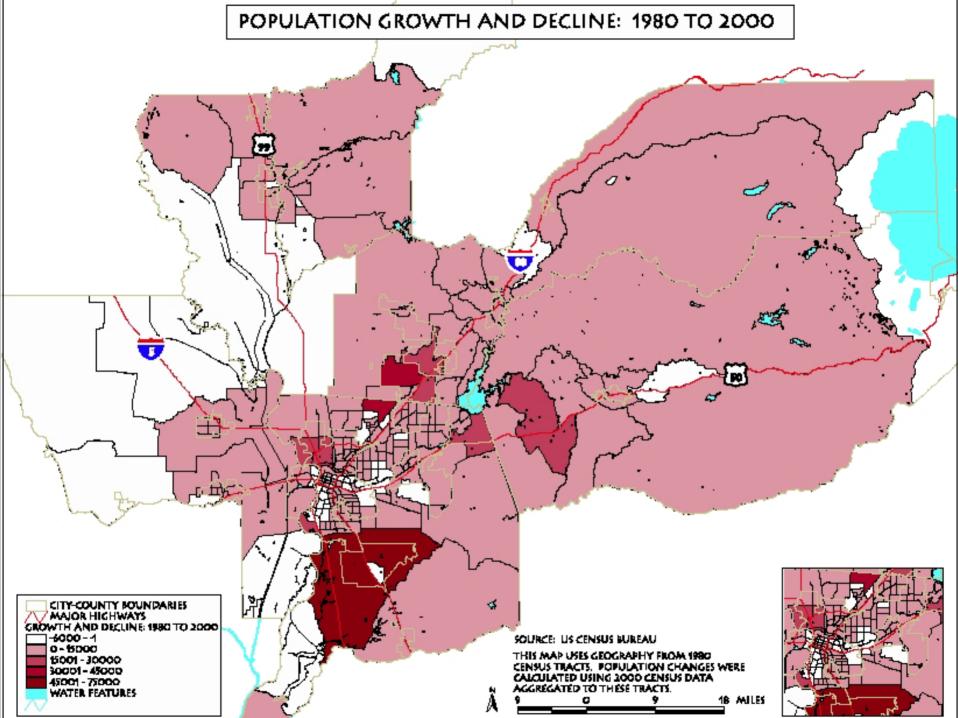
#### 4D's

- Land use influences on travel behavior
  - Density
  - Diversity
  - Destination (location)
  - Design
- SACMET regional travel model
  - Post processor for vmt, vt and mode share
  - Fully integrated in future
- PLACE<sup>3</sup>S
  - Real-time indicators at neighborhood scale



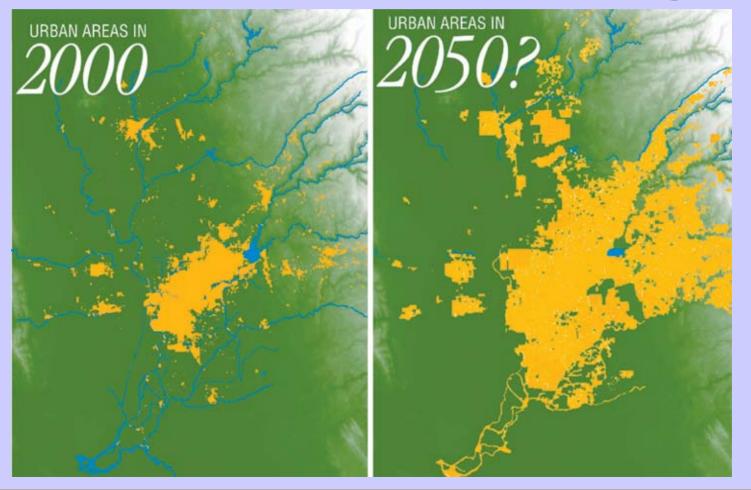
#### **Economic Forecast**

- Center for Continuing Study of California Economy, Steven Levy
- Region positioned to be very competitive
  - Nationally
  - California
- But, must building the housing for employees
- More service sector, fewer industrial jobs
- Changing demographics
  - Strong growth in senior households
  - Declining % of families with children



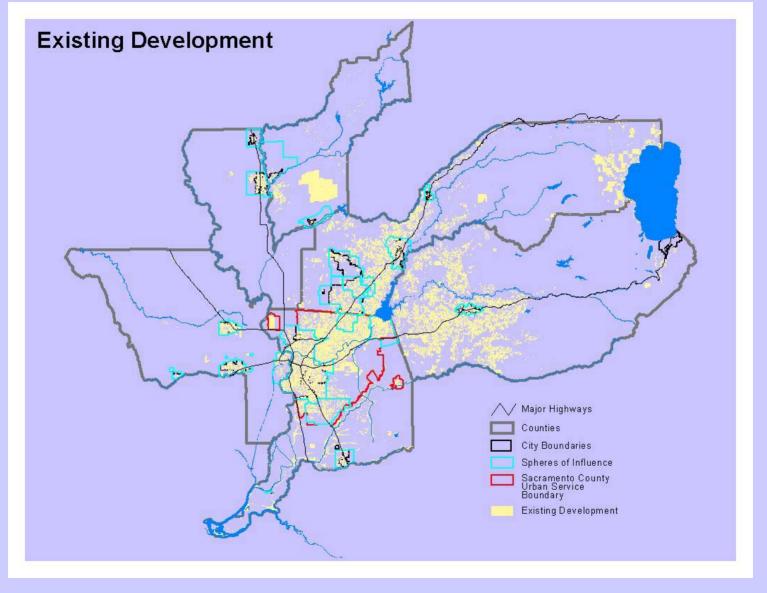


# How would the region change if the Base Case Future became reality?



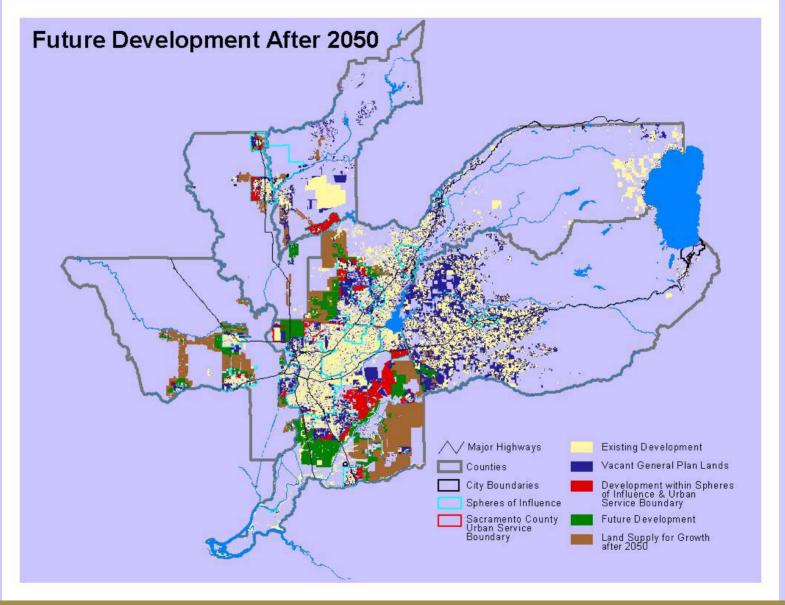






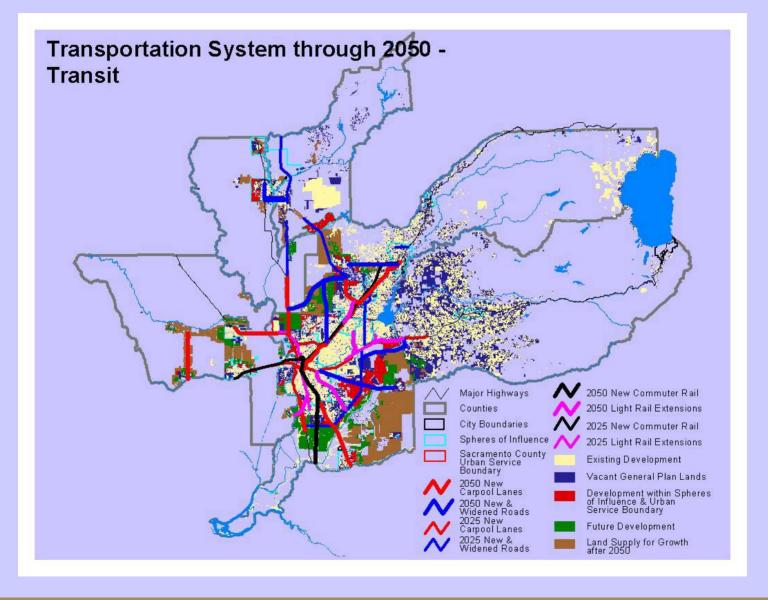












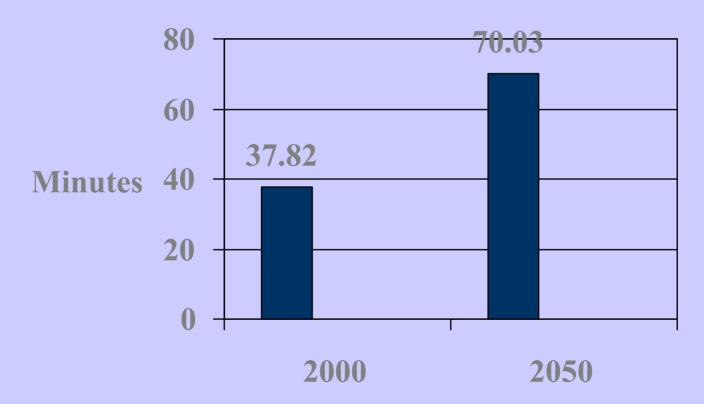


### **Features of Base Case Land Use**

- Low residential densities
  - − @ 3 dwelling units/acre
  - @ 5 dwelling units/acre excluding "rural residential" (5% of supply)
- Big shortage of rental products
- Growth continues in outward pattern
- Poor jobs-housing balance in some areas

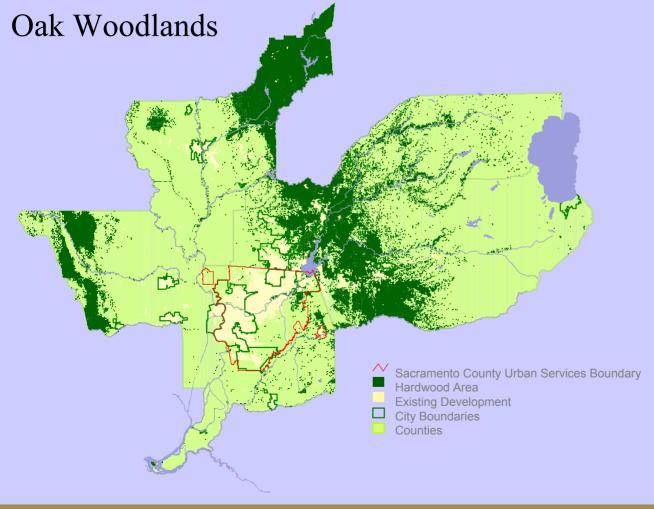


# Vehicle Minutes/Person Increase of 160 Hours Annually



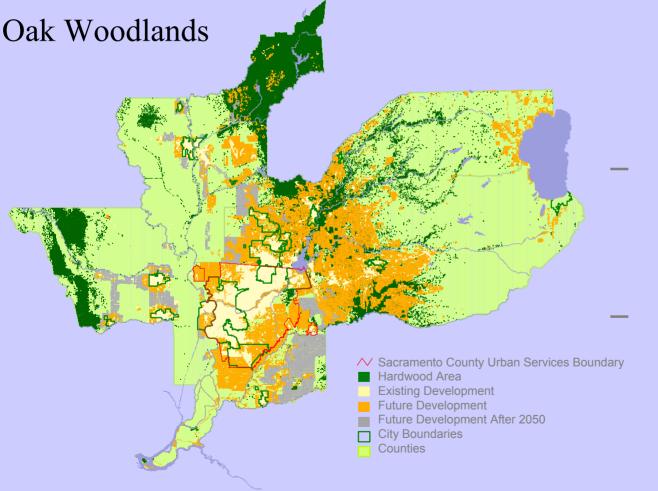






# Principle 6. Protecting Natural Resources & Farmland





95,525 acres affected by development

21% of total resource

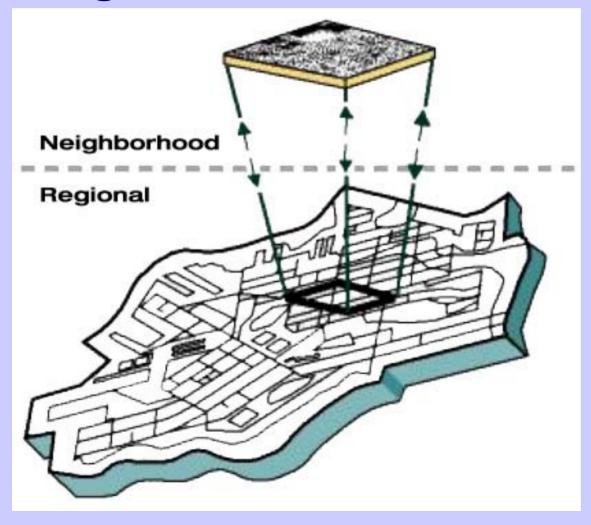


### **Smart Growth Principles**

- 1. Transportation Choice
- 2. Housing Choice
- 3. Compact Development
- 4. Use of Existing Assets
- 5. Mixed Use Development
- 6. Natural Resource Conservation
- 7. Quality Design



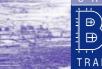
# Need to plan both the regional and neighborhood levels





### **Neighborhood-scale Workshops**

- 30 workshops
- Two 100-200 acre study areas at each workshop
  - One infill/redevelopment study area
  - One greenfield study area
- "Test drive" smart growth concepts
- PLACE<sup>3</sup>S Real-time performance indicators
  - Laptop computers
  - Cell phone hook-up
  - Public domain software





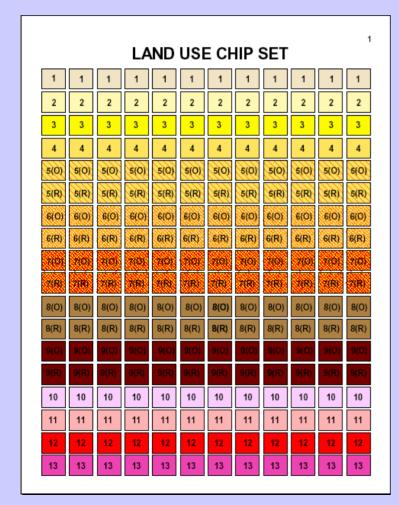
#### LAND USE MENU

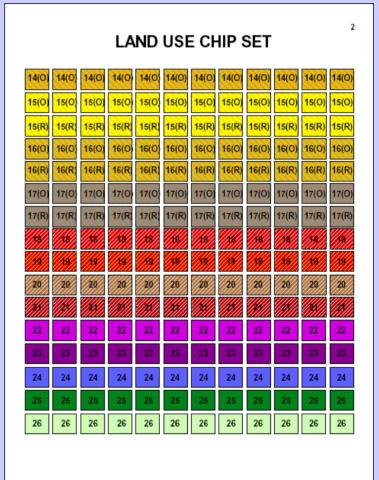
### Land Use Types

ı	RESIDENTIAL BUILDING TYPES							
	1	Rural Residential			2	1	-	Rural residential includes very large lot residential (1 acre per lot).
	2	Large Lot Single Family Residential	THE STATE OF THE S		1	4	-	Arden Park has mainly large lots in the _ to 1/3 acre size. Gardenland (South Natomas) has grid-streets with 1 acre lots and small houses.
	3	Medium Lot Single Family Residential	· P		2	6	-	Standard single family lot of 52x100 min. Allows cul-de-sacs or grid pattern, w/cul-de-sac subdivisions at low end of range. Curtis Park at high end of range.
	4	Small Lot Single Family Residential			2	12	-	Small lot subdivisions: Villa Palazzo in Pocket (3,500 sqlt lots), standard lots in Laguna West and some low density suburban garden apartments.
	5(0) 5(R)	Townhouse (Owner)  Townhouse (Rental)			3	15	-	Metro Square in midtown is detached townhouse project at approx. 20 DU/ac. Most standard 2-story apts w/ surface parking are in this range.
ŀ	S(R)	Townhouse (Rental)	Day of the last					and the parting of the standards.
	6(0)	Low-Rise Condos (Owner)		ene	2	24	-	2+ story attached units with structured parking (e.g., tuck-under).
ı	6(R)	Low-Rise Apartments (Rental)	STATE OF THE PARTY					
ŀ	7(0)	Mid-Rise Condos (Owner)	W Parket B		3	35	-	3 story mid-tevel development. Less space dedicated to landscaping; more frontage on street.
	7(R)	Mid-Rise Apartments (Rental)						
	8(0)	High-Rise Condos (Owner)		THE	6	66	-	6 story development with structured parking. Buildings include elevators, interior countyards, and hallways.
	8(R)	High-Rise Apartments (Rental)						
	9(0)	Urban Condos (Owner)	4		10	105	-	10 story urban development. Buildings may include a health facility, door man, etc.
	9(R)	Urban Apartments (Rental)						



#### **Stickers**







#### WORKSHOP

### Citrus Heights





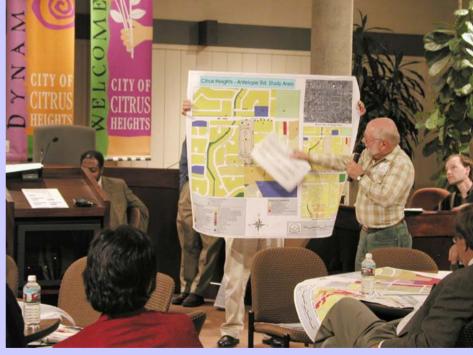




#### WORKSHOP

### Citrus Heights

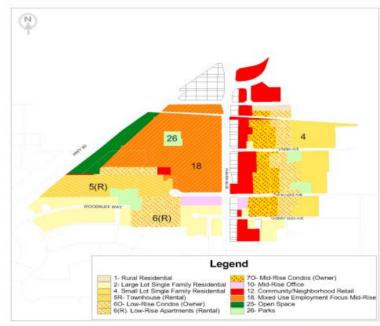




#### TABLE 6



Auburn Boulevard — Alternative Scenario



#### Key Elements of Planning Scenario

- · Light rail stop, park and ride lot, and transit hub at north end
- Widened Auburn
- Mixed use employment focus mid-rise community built around large park

#### PLACE<sup>3</sup>S Indicators

Total Employees	1,581
Total Dwelling Units	2,257
Total Residents	1,091
Employees/Dwelling Unit	
Retail Jobs	873
Office Jobs	
Industrial Jobs	0
Public Jobs	0
Pedestrian Friendliness	
(5 = exceptionally good)	3.21
Total Peak Hour Trips	655
Vehicle Miles Traveled (energy	
use and air emissions)/Capita	
Change (from current conditions	41%
Vehicle Trips/Capita Change	
(from current conditions)	46%

Key Land Uses Featured



4 Small-lot Single Family Residential



26 Parks



18 Mixed-use Employment Focus High-rise



6(R) Low-rise Apartments (rental)



5(R) Townhouse (rental)

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Sacramento Area Council of Governments • Valley Vision



## USING PLACE<sup>3</sup>S TO COMPARE ALTERNATIVE PLANNING SCENARIOS

- Vehicle mile traveled and vehicle trips
- Change in walk/bike and transit mode shares
- Mobile source air emissions/energy use
- Total jobs and dwelling units
- Density by land use type
- Mix of uses
- Economic feasibility
- Match of wages and housing costs (coming)

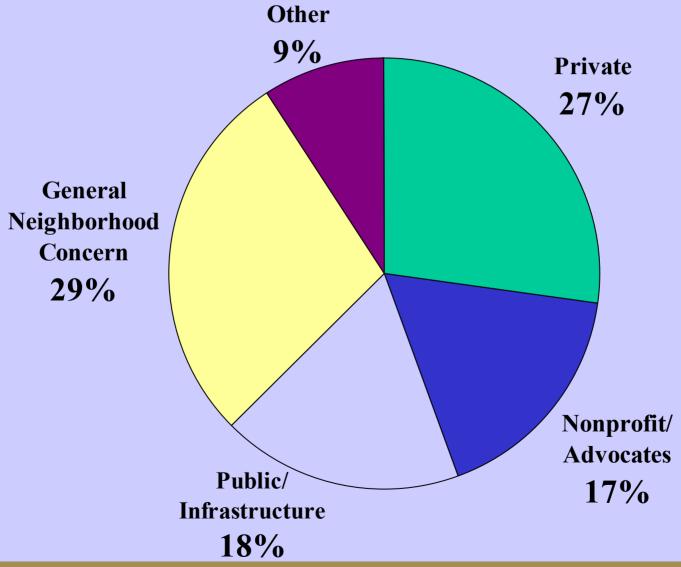


# Summary of Blueprint Neighborhood Workshops

- 30 workshops
- 60 study areas
  - Greenfield (@7500 acres)
  - Infill/redevelopment (@7500 acres)
- 1500+ participants
- Broad representation



#### **Blueprint Neighborhood Workshop Participants**





# **New Development Capacity in Workshop Plans**

- Participants increased development capacity in average study area by:
  - 1699 dwelling units
  - 1808 employees
  - Jobs-housing balance of 1.1
- Surprisingly similar viewpoints across neighborhoods



# **Development Density in Workshop Plans**

- Average residential densities for new development
  - 21 dwelling units/acre infill
  - 12 dwelling units/acre greenfield



## **PLACE<sup>3</sup>S Economic Reality Test**

- Analyze building type placed on every parcel for...
- Expected costs vs. expected revenues
- Calculate ROI (Return on Investment)
- Local data, available regionwide





## Roseville Fairgrounds

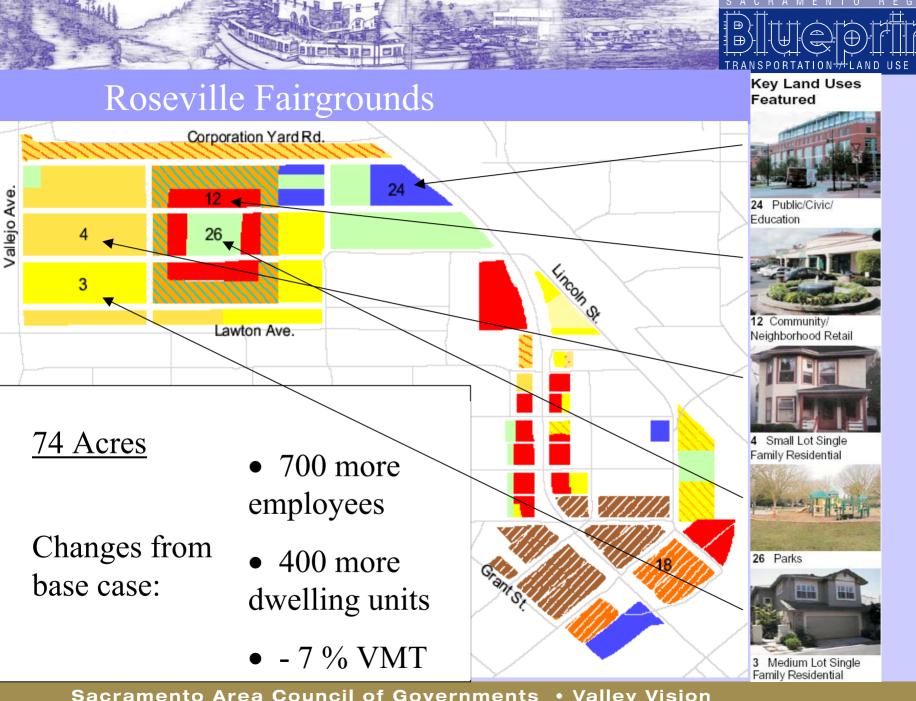


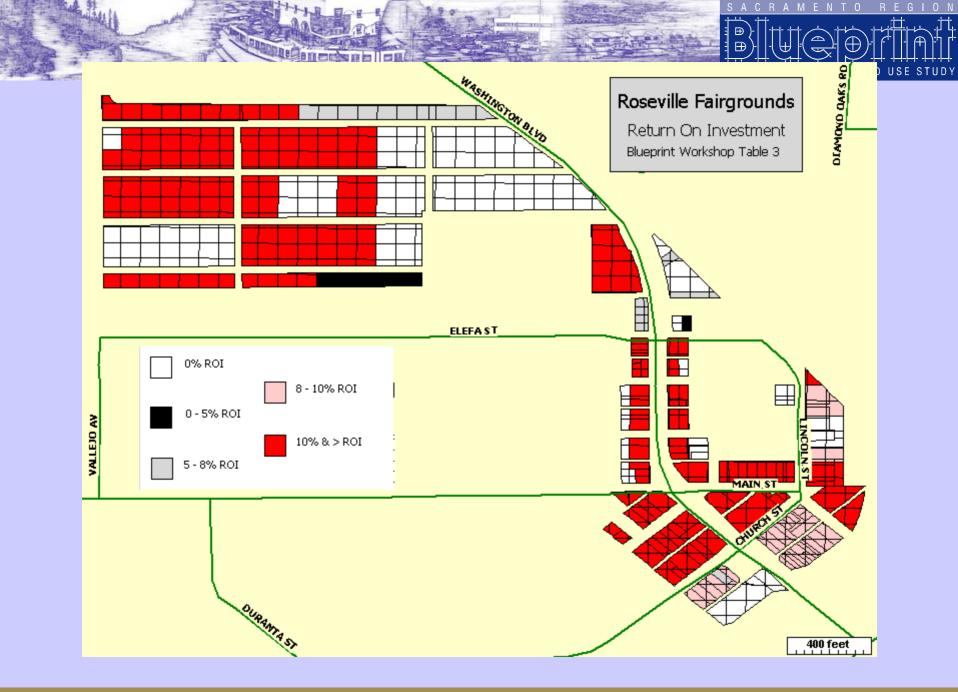














PARCEL STATISTICS	
Development Type:	5(R). TOWNHOUSE (RENTAL)
Development Type Pct:	100%
Land Area:	9,969 SQ FT
Building Total Floor Area:	4,119 SQ FT
Building Footprint:	1,373 SQ FT
Yearly Income:	\$59,317
Yearly Operating Costs:	\$17,301
Building Construction Costs:	\$389,266
Parking Construction Costs:	\$34,327
Total Construction Costs:	\$483,404
Yearly Net Operating Income:	\$42,016
Land Value:	\$59,811
Calculated ROI:	9%
Weighted ROI:	0%



# **County-wide Workshops sacregionblueprint.org**

- October 27, Yolo County
- November 15, Sacramento County
- November 22, Sacramento County
- January 10, Sacramento County
- January 24, Sutter County
- January 31, Placer County
- February 7, Yuba County



# Each County: Four Scenarios for Future (2050)

- Base Case Future + 3 other Alternatives
  - Land use maps
  - Transportation system
- Alternatives based on
  - Neighborhood workshop input
  - Local government Planners subcommittees
    - Economic, attitude, technical research and modeling



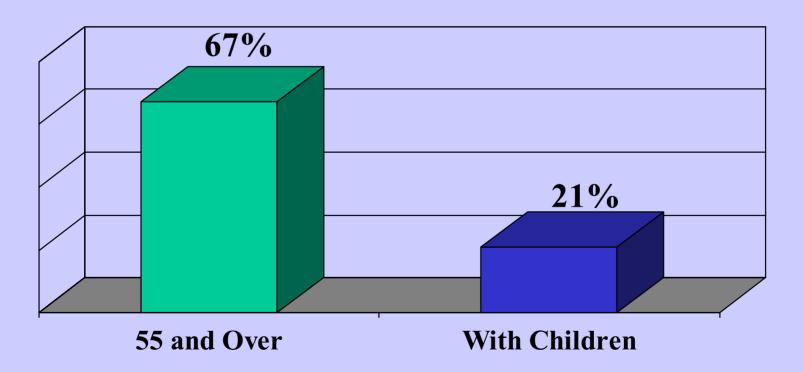
### **Issues Explored in Scenarios**

- Amounts of growth
- Balance of land uses
- Mix of new housing units
- Balance of infill/redevelopment and greenfield
- Location of land uses and transportation facilities
- Density of new development
- Location of development re: resource lands



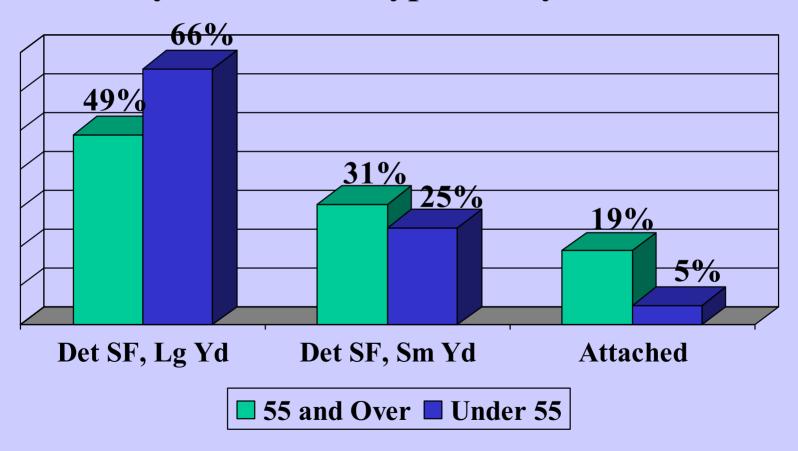
### **Growth in Households**

2002 - 2050



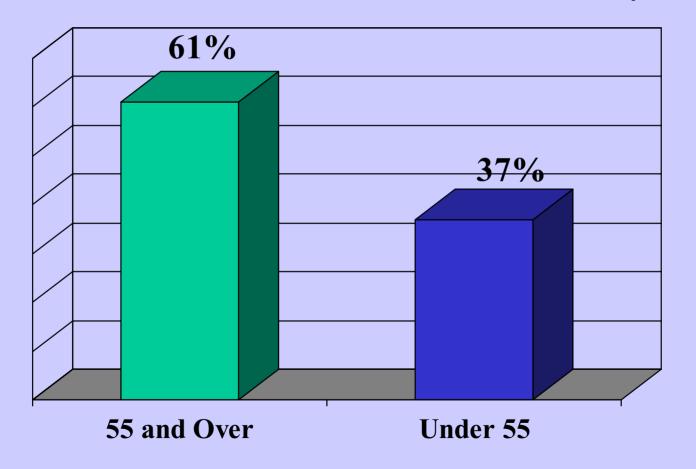


### For Buyers - Home Type Likely to Purchase



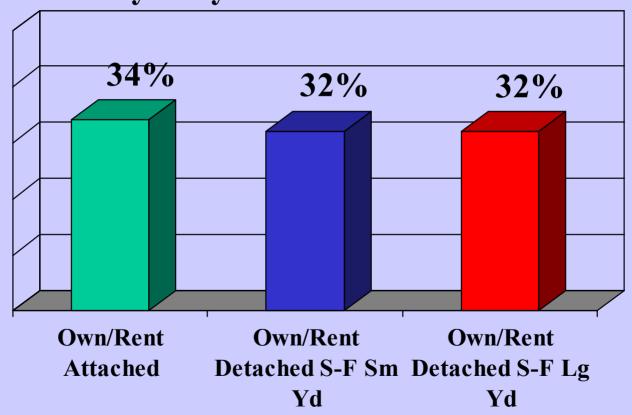


#### Prefer Shorter Commute, Smaller House/Backyard





### Housing Preferences of Households 55 and Over Who Say They Will Move in 1 to 5+ Years





### **Structure of County Workshops**

- Introductory information
  - Results of neighborhood workshops
  - Descriptions of 4 Scenarios for future
- Small groups discuss 4 scenarios and select 1 scenario they like the most
- Small groups refine 1 scenario, using laptop PLACE<sup>3</sup>S computer technology
- Results will help guide Regional Scenarios







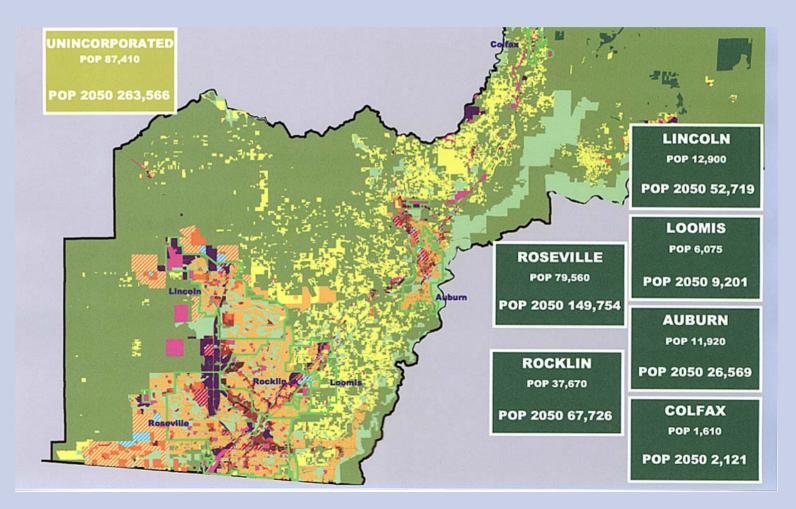
### **Planning Theme**

- Same total growth as A, but some growth focused in mixed use centers/corridors.
- More diverse and higher density housing stock.



### Population





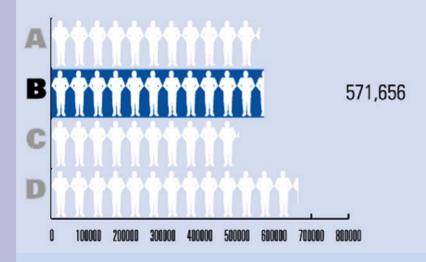


### Population



TOTAL POPULATION IN 2050 (IN THOUSANDS)

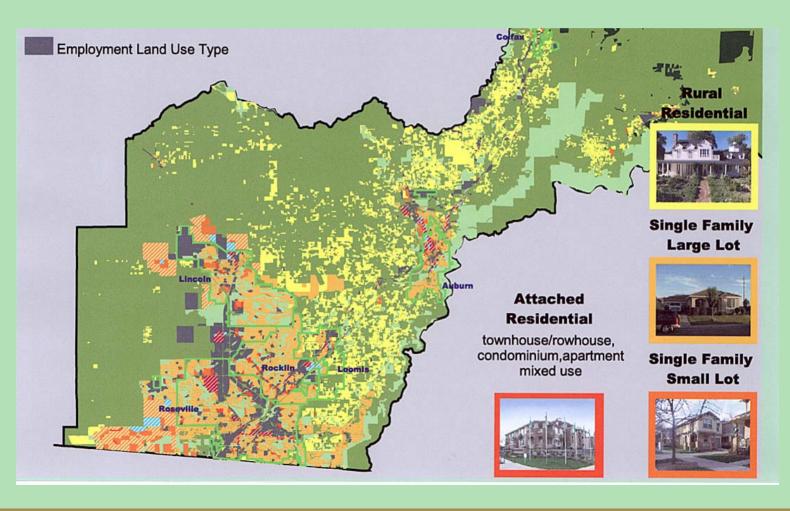
Existing Population – 2001 237,145





## Choices

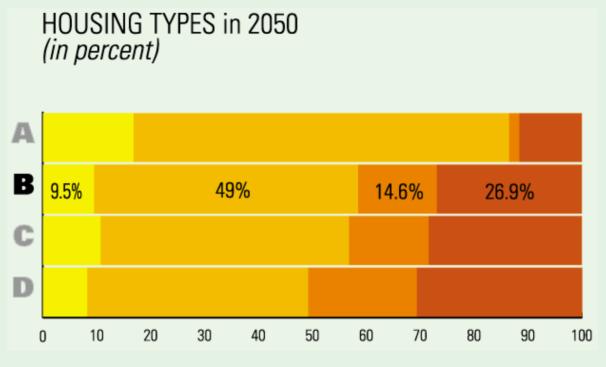






## Choices



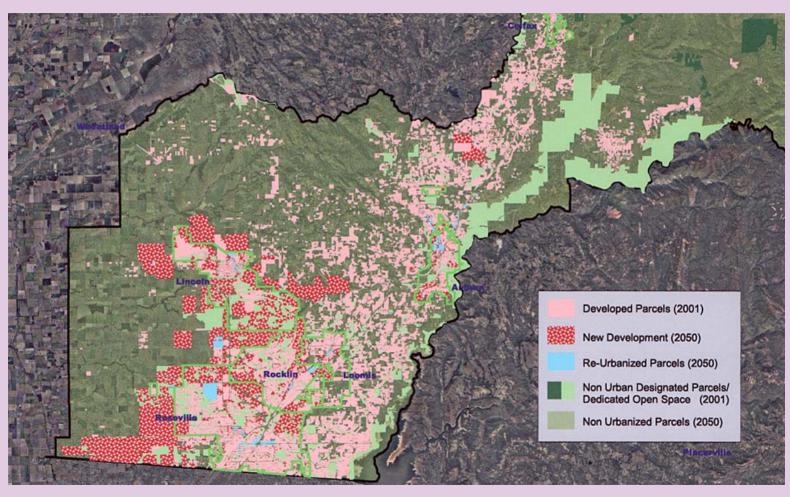






# Use Existing Assets



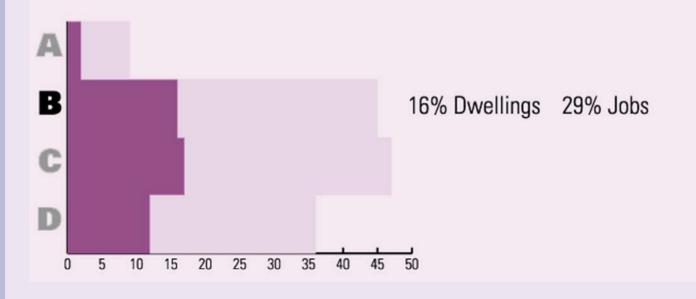




### Use Existing Assets

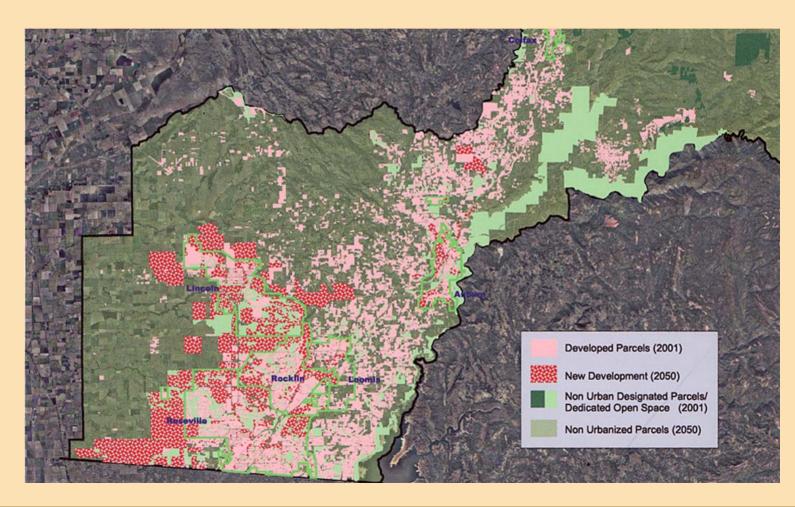


Percent New Growth in Identified Existing Centers/Corridors





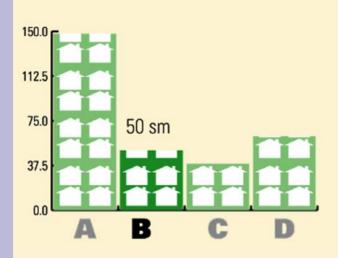




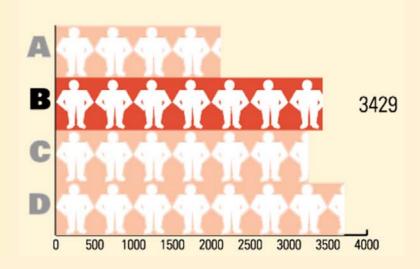




ADDITIONAL SQUARE MILES of Urbanized Land Through 2050

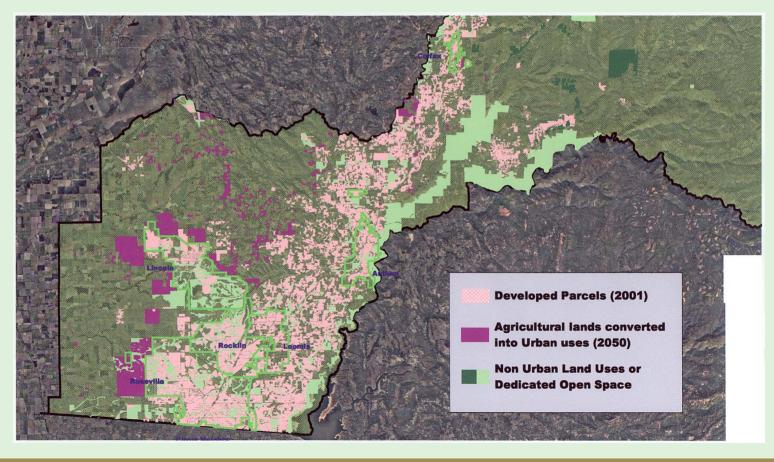


PEOPLE PER SQUARE MILES of Urbanized Land Through 2050



## Conservation



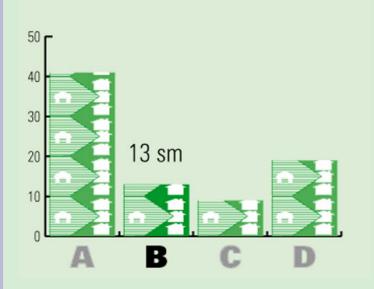




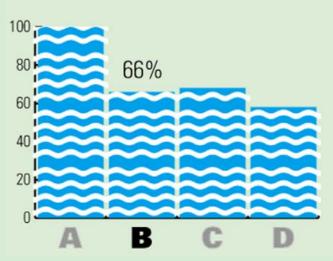
### Natural Resources Conservation



AGRICULTURAL LAND CONVERTED TO URBAN USE (in square miles)

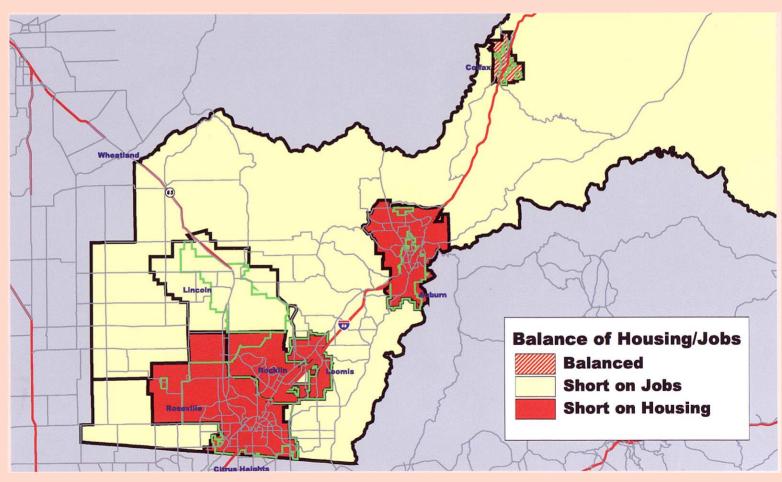


POTENTIAL RESIDENTIAL OUTSIDE (LAWN) WATER USE



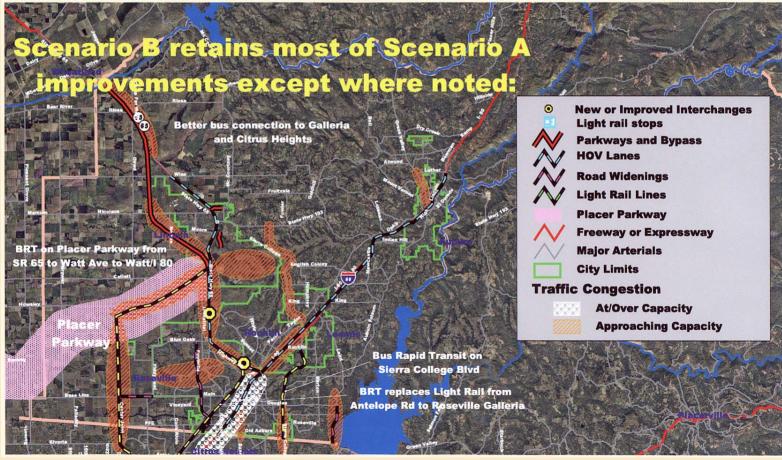








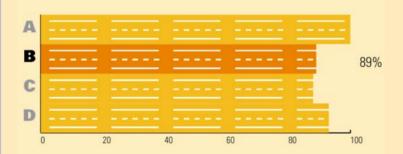


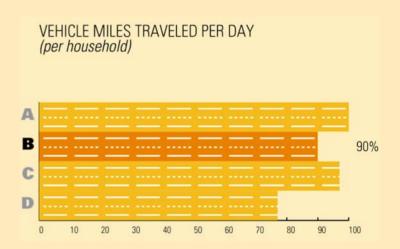






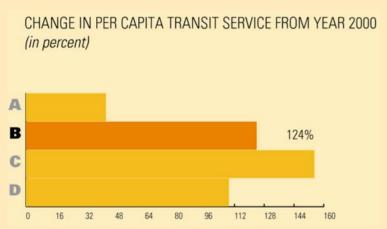
TOTAL VEHICLE MILES TRAVELED

























ANNUAL OPERATING COSTS (in millions)

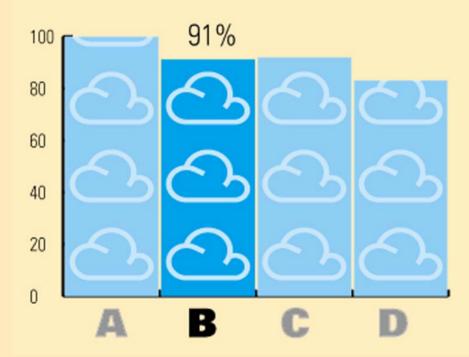






#### **AUTO EMISSIONS PER CAPITA**

Averages of: Reactive Organic Gases / Oxides of Nitrogen / Carbon Dioxide / PM10 (particulate)





### **Blueprint Milestones for 2004**

- Create 3 regional land use/transportation scenarios (feb-april)
- Regional forum/workshop (april 30, Convention Center)
- Discussion draft preferred alternative (summer)
- Electronic Town Hall (september)
- Board action on preferred alternative (december)



### Community Design Program: Round One Projects

- \$500 million 20 years
- Land uses that benefit transportation system
- \$12 million in 2003
- Community workshops help identify projects

**Before** 



After?



